

GAS COMPRESSOR

UNIT: CB19

PERFORMANCE

Base Horsepower	203 HP
Packager	Universal Compression

DRIVER

Style	Natural Gas
Make	Caterpillar
Type	3306TAI
Serial Number	
Cylinders	6
Frame	N/A
Output (RPM)	1,800 RPM



NOISE ATTENUATION

Muffler Style	None
Sound Power Levels Engine exhaust	None
Enclosure	None

COMPRESSOR

Make	Ariel
Model	JGA/2
Serial Number	F-18648
Throws	2
Stages	2
Rated RPM	1,800
Distance Pieces	STD



END DEVICES

	Quantity	Make	Model
LEL Detection	1	Net Safety	Millennium
H2S Detection	1	Net Safety	Millennium
Fire Detection	1	Net Safety	Millennium
Beacons	2	TBD	TBD

CONTROL PANEL

Make	Syntech
Model	3019120-CCP-01
Serial Number	0219103-CCP-01
HMI / PLC	Altronic

COOLER

Make	Air-X-Changers
Model	72 EH
Job Number	030366
Serial Number	TBD
Fan Size	72" (1.83 m)
Fan Model	TBD
Louvres	Automatic
Fan Drive (electric/jackshaft)	Engine Driven



Section	Make	CRN	Serial Number	MAWP	Temp	RT HT
1 st Stage Cooler	Air-X-Changers	R3021.2	030366.3	2,025 psi (13,962 kPa)	349°F	None
2 nd Stage Cooler	Air-X-Changers	R3021.2	030366.4	2,025 psi (13,962 kPa)	349°F	None

SCRUBBERS

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	Gemini	P-3802-213		1440 psi (9928 kPa)	123°F	RT-2 HT
Stage 2 Suction	Gemini	P-3807-213		1440 psi (9928 kPa)	123°F	RT-2 HT

CYLINDERS

	Size	Bore	MAWP	Class	Serial Number
Stage 1	3"	3.0" (76.2 mm)	2550 psi (17,581 kPa)	JG	C-58491
Stage 2	2.75"	2.75" (69.85mm)	2550 psi (17,581 kPa)	JG	C-58492

PULSATION

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	Expanded	Piping				
Stage 1 Disch.	Expanded	Piping				

PSV's

	Manufacturer	Model	Serial Number	Set Pressure	Size
Stage 1 Suction	Farris	26EA13		1440 psi (9,928 kPa)	1" (33.4 mm) x 2" (60.3 mm)
Stage 1 Disch.	Farris	38EC14		1425 psi (9,825 kPa)	1" (33.4 mm) x 2" (60.3 mm)
Stage 2 Disch.	Farris	38EC14		1425 psi (9,825 kPa)	1" (33.4 mm) x 2" (60.3 mm)
Fuel Gas	Mercer	81-1751V09G11		165 psi (1,137 kPa)	1" (33.4 mm) x 1" (33.4 mm)

VALVES

	Make	Model	Serial Number	Size	Trim
Suction Control	Fisher	V200	N/A	2" (60.3 mm)	TBD
Disch Control.	N/A	N/A	N/A	N/A	N/A
Bypass Control	N/A	N/A	N/A	N/A	N/A
Recycle	Fisher	357	TBD	1" Threaded	¼"
Blowdown	Fisher	D2	TBD	1" Threaded	¼"

SKID EDGE CONNECTIONS

Suction Inlet Flange	4" (114.3 mm) CL600
Discharge Flange	3" (88.9 mm) CL900
Fuel Gas	2" (60.3 mm) NPT
Start Gas	2" (60.3 mm) NPT
Instrument Air	1" (33.4 mm) NPT
Vent Header	3" (88.9 mm) CL150

PILE LAYOUT

Approximate Number of Piles	TBD
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SHIPPING DIMENSIONS

Width	14' – 1" (4.29 m)
Length	26' – 2" (7.98 m)
Height	14' – 8" (4.47 m) @ peak
Weight Estimate (approx.)	50,000 lbs (22,679 kg)

CERTIFICATION

Vessel	ASME Sec. VIII Div.1
Piping	ASME B31.3
Province(s) of Registration	AB
Area Classification	Class 1 Zone 2
Service	Sweet